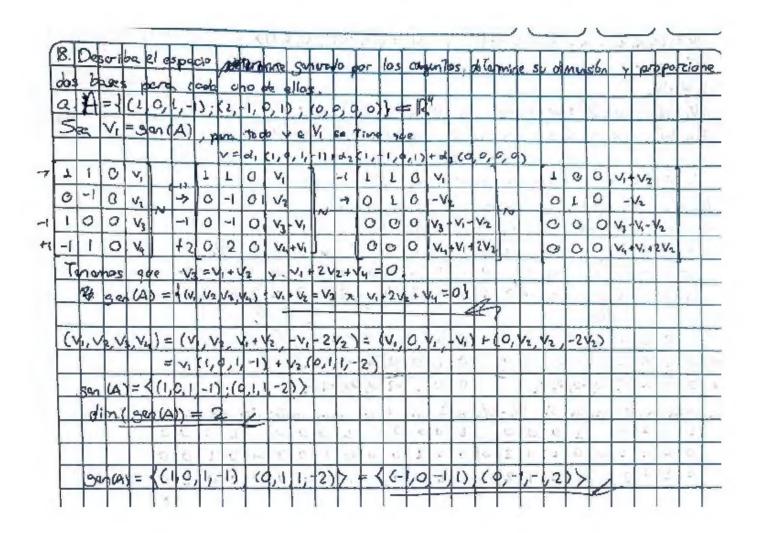
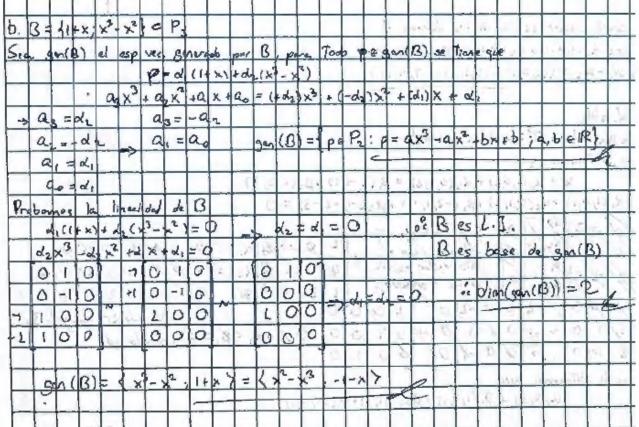
En analysis coso, son( $W_1 \cup W_2$ ) = son( $W_1$ )  $\cup$  son( $W_2$ )  $\longrightarrow$  gon( $W_1 + W_2$ ) = son( $W_1 \cup W_2$ )  $W_1 + W_2 = \{W_1 \cup W_2\}$ 

Kz, Xz, Xx cR

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8. Si A = \{u,v,w\} = V, we we conjust b = \lambda_1, determine to D = \lambda_2 = \lambda_3 = 0

B = \{dut \mid Bv, \lambda v - dw, Bw + \lambda v\}, pare a, \beta, \lambda \in \mathbb{R}.

Solones que a \mid u + a_2 v + a_3 \mid u = \lambda_3 = 0

Quereno prober b \mid b_1(du + \beta v) + b_2(\lambda v - a(w) + b_3(\beta w + \lambda v) = 0 - ab_1 - b_2 - b_3 = 0

b \mid du + (b \mid \beta + b \mid \lambda + b \mid \lambda) v + (b \mid \beta - b \mid a) w = 0

b \mid d = 0

b \mid d = 0

a \mid u + a_2 v + a_3 w = 0

b \mid d = 0

a \mid b \mid \beta + b \mid \lambda + b \mid \lambda = 0

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Supernous  $a, \beta, \lambda \in \mathbb{R} \setminus \{0\}$   $\Rightarrow b_1 = 0$ Si  $b_3 = 0$   $\Rightarrow b_2 = 0$ Si  $a = -\beta$ Si  $a = -\beta$   $\Rightarrow b_2 + b_3 = 0$ Si  $a = -\beta$ Si

Rpta: S: d=-B, B es Blab. LD. S; d+-B, B es L.I. [0.5;  $B = \{v_1, v_2, v_3, ..., v_m\}$  es L. I. DeTerminar la linaelideel de  $A = \{v_1, v_2, v_3, ..., v_m - v_i\}$ Sabanos  $A_1v_1 + A_2v_2 + ... + A_mv_m = 0 \Rightarrow A_1 = A_2 = ... \Rightarrow A_m = 0$ Probanos  $B_1v_1 + B_2(v_2 - v_1) + ... + B_m(v_m - v_1) = 0$   $(B_1 - B_2 - B_3 - ... - B_m)v_1 + B_2v_2 + ... + B_mv_m = 0$   $-(B_1 - \frac{2}{L-2}B_1) = 0 \qquad A_1B_2 = B_3 = ... = B_m = 0$   $B_1 = \frac{2}{L-2}B_1 = \frac{2}{L-2}O = 0$ Papia: A es L. I.

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